

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	192	435/289.1-303.1.ccls. and (centrifug\$5 with (vessel or chamber or container or bioreactor))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/29 09:16
L2	1	I1 and "6165778".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/29 09:11
L3	267	(centrifug\$5 with bioreactor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/29 09:23
L4	1412	(tube with cell with cultur\$4) same (tube with centrifug\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/29 09:24
L5	21	I4 and 435/289.1-303.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/29 09:24
L6	17	("4208484").URPN.	USPAT	OR	OFF	2007/08/29 09:48
L7	12	("4373029").URPN.	USPAT	OR	OFF	2007/08/29 09:58
L8	3	("6066497").URPN.	USPAT	OR	OFF	2007/08/29 10:02
L9	15	("3540700"   "3724747"   "3732149"   "3740321"   "3827943"   "3847749"   "3875000"   "4373029"   "4650766"   "4717668"   "5037754").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 10:02
L10	2	(I8 or I9) and centrifug\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 10:55
L11	4	"6635441".pn. or "6723555".pn. or "6869792".pn. or "6964867".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 10:56
L12	20	("3843809"   "3997396"   "4033825"   "4201845"   "4680266"   "4696902"   "4774187"   "4891310"   "4904601"   "4923817"   "5057428"   "5416022"   "5443985"   "5571720"   "5622819"   "5686304"   "5821116"   "5864395"   "5989913"   "6008010").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 10:58
L13	2	"20020110915".pn. or "4629686".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 10:59

## EAST Search History

S1	1	"20040157322"	US-PGPUB; USPAT	OR	OFF	2007/08/27 13:18
S2	25	"3843809".pn. or "3997396".pn. or "4033825".pn. or "4201845".pn. or "4680266".pn. or "4696902".pn. or "4774187".pn. or "4891310".pn. or "4904601".pn. or "4923817".pn. or "5057428".pn. or "5416022".pn. or "5443985".pn. or "5571720".pn. or "5622819".pn. or "5686304".pn. or "5702672".pn. or "5821116".pn. or "5864395".pn. or "5989913".pn. or "6008010".pn. or "6063618".pn. or "6083763".pn. or "6093551".pn. or "6146534".pn.	US-PGPUB; USPAT	OR	OFF	2007/08/29 08:36
S3	88	435/295.1.ccls.	US-PGPUB; USPAT	OR	OFF	2007/08/27 13:23
S4	132	435/295.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/27 13:23
S5	165	435/296.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/27 13:24
S6	271	435/294.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/27 13:37
S7	2	"6635441".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/27 13:38
S8	20	("3843809"   "3997396"   "4033825"   "4201845"   "4680266"   "4696902"   "4774187"   "4891310"   "4904601"   "4923817"   "5057428"   "5416022"   "5443985"   "5571720"   "5622819"   "5686304"   "5821116"   "5864395"   "5989913"   "6008010").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 13:38
S9	21	("4490436"   "4927545"   "5114858"   "5308506"   "5330916"   "5366896"   "5578269"   "5620898"   "5622819"   "5730697"   "5769775"   "5789168"   "5830657"   "5902549"   "5925514"   "5968731"   "6060022"   "6068393"   "6133019"   "6162399"   "6197517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 13:44

## EAST Search History

S10	4863	435/289.1-305.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 13:44
S11	6361	435/289.1-305.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/08/27 13:44
S12	693	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/27 13:45
S13	1140	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/27 13:45
S14	986	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber)) and (gas or oxygen or air or aeration)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/27 13:46
S15	264	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber)) and (gas or oxygen or air or aeration) and frame	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 09:37
S16	16	("2100610"   "2500199"   "2605021"   "3139224"   "3540700"   "3732149"   "3827943"   "3847749"   "5301845").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:08
S17	150	435/292.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:15
S18	0	435/292.1.ccls. and trost.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:15
S19	41	435/292.1.ccls. and de	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:16
S20	198	arad.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:16
S21	4	arad.in. and "435".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:17
S22	4	("5534417").URPN.	USPAT	OR	OFF	2007/08/27 14:18
S23	13	("2371208"   "2686754"   "2732663"   "3102082"   "3186917"   "3955317"   "4519984"   "4868123").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/27 14:18

## EAST Search History

S24	251	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber) with (gas or oxygen or air or aeration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:47
S25	9	("5597731").URPN.	USPAT	OR	OFF	2007/08/28 10:04
S26	28	("3578431"   "3610740"   "4043903"   "4320594"   "4382348"   "4531324"   "4626071"   "4669217"   "4754877"   "4887386"   "4908315"   "4934096"   "4975377"   "5001859"   "5022181"   "5049505"   "5054234"   "5088231"   "5104527"   "5119588"   "5139956"   "5171683"   "5184420"   "5186895"   "5212906"   "5225342"   "5324657").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 10:04
S27	14	("5110741").URPN.	USPAT	OR	OFF	2007/08/28 10:09
S28	6	("3883393"   "4075100"   "4620965"   "4639353"   "4647539"   "4649114").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 10:29
S29	6	"5534417".pn. or "20020086418" or "20020110915" or "4629686".pn. or "4519984".pn. or "3860489".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 10:30
S30	2	("4519984").URPN.	USPAT	OR	OFF	2007/08/28 10:30
S31	5	("3547188"   "3779711"   "4256783"   "4269805").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 10:30
S32	5	("3860489").URPN.	USPAT	OR	OFF	2007/08/28 10:31
S33	4	("3536305"   "3732148").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/28 10:31
S34	305	(bioreactor or (cell adj cultur\$4)) and ((plurality or array) with (vessel or container or chamber) with (gas or oxygen or air or aeration))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:36
S35	455	S34 or S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:36
S36	204	S34 not S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:46
S37	2	"5612188".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:46

## EAST Search History

S38	12	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber) with (oxygenat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:49
S39	141	435/289.1-305.4.ccls. and ((plurality or array) with (vessel or container or chamber)) and (oxygenat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/08/28 10:50